



CONSTRUCTION DETAILS

- USE EXISTING HANDHOLE/CONDUIT.
- INSTALL CONCRETE FOUNDATION WITH A 10' PEDESTAL POLE, 16" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD APS PUSHBUTTON AND SIGN. (STANDARD NO. MD 801.01-01)
- INSTALL CONCRETE FOUNDATION WITH A 10' PEDESTAL POLE (CUT TO 5'), APS PUSHBUTTON AND SIGN. (STANDARD NO. MD 801.01-01)
- INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT-SLOTTED.
- INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED.
- REMOVE EXISTING PEDESTRIAN SIGNAL HEAD FROM EXISTING TRAFFIC SIGNAL POLE. BAND SIGN TO POLE.
- INSTALL 12" WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS. (DO NOT REMOVE/INSTALL PAVEMENT MARKINGS IF INSTALLED BY CONTRACT PG747K53, OR AS DIRECTED BY THE PROJECT ENGINEER).
- INSTALL 24" WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS. (DO NOT REMOVE/INSTALL PAVEMENT MARKINGS IF INSTALLED BY CONTRACT PG747K53, OR AS DIRECTED BY THE PROJECT ENGINEER).
- REMOVE EXISTING PEDESTRIAN SIGNAL HEADS, PUSHBUTTON AND SIGN FROM EXISTING PEDESTAL POLE, AND INSTALL NEW 16 INCH LED COUNTDOWN PEDESTRIAN SIGNAL HEADS.
- REMOVE EXISTING PUSHBUTTON, SIGN AND PEDESTRIAN SIGNAL HEAD FROM EXISTING TRAFFIC SIGNAL POLE. BAND SIGN TO POLE.
- REMOVE EXISTING PAVEMENT MARKINGS. (DO NOT REMOVE/INSTALL PAVEMENT MARKINGS IF INSTALLED BY CONTRACT PG747K53, OR AS DIRECTED BY THE PROJECT ENGINEER).
- ADJUST EXISTING HANDHOLE.
- INSTALL NEW CABLES AND EQUIPMENT IN THE EXISTING CABINET.

APS PUSHBUTTON NOTES:

- PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60"x60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
- THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
- PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND NCHRP PUBLICATION. "ACCESSIBLE PEDESTRIAN SIGNAL: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.

GENERAL NOTES:

- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL, EXCEPT AS NOTED IN EQUIPMENT LIST "C".
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE FIELD LOCATED. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.
- PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- STOP BARS AND CROSSWALKS ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MSHA STANDARDS.
- ALL UNUSED CABLES SHALL BE REMOVED FROM THE EXISTING CONDUITS.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS TO MEET CLEARANCES AS SPECIFIED IN MD-817.01, MD-818.16, MD 818.16-01, MD-821.01-01



GEOMETRIC LEGEND	
PROPOSED	EXISTING
UTILITY LEGEND	
— G — G	GAS MAIN
— W — W	WATER MAIN
— S — S	SEWER MAIN
— E — E	ELECTRIC CABLES
— A — A	AERIAL CABLES
— T — T	TELEPHONE CABLES
— SD — SD	STORM DRAIN
— BC — BC	BURIED CABLE

APPROVALS		REVISIONS	
TEAM LEADER		© 102010 UPGRADE EXISTING PED SIGNALS TO APSOPS AX7055168	
ASST. DIV. CHIEF		© 102010 DETECTION UPGRADE XX3555168	
DIVISION CHIEF		© 0328/1997 - AS BUILT SHA NO. AW-791-479-385 92010	
OFFICE DIRECTOR			
TRAFFIC SIGNAL PLAN			
SCALE 1" = 20' ADVERTISED DATE AUGUST, 1996. CONTRACT NO. AW 791-479-385			
DESIGNED BY William J. Carlson	COUNTY PRINCE GEORGE'S	LOGMILE 16050101.02	
DRAWN BY D.C.B.		TIMS NO. K288	
CHECKED BY		TOD NO.	
F.A.P. NO.			
TS NO. 3537-C	DRAWING TS-1	OF 2	SHEET NO. 1 OF 2